G. R. S. IX-5]

Medical

Previous references.

File No 21-19

1919-20

Serial No. 48

(Medical)

Later references.

P

GENERAL AND REVENUE SECRETARIAT.

Serial No. 48

Part B for September 19

SUBJECT.

Measures to be adopted in case of an outbreak of influenza in the State

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Sl 48

To The Senior Surgeon, the Sanry Commrs, the Chemical Exr, the Dy Commrs of Dists, the Presidents of the Bangalore & Mysore city Municl Councils, the K.C. of Sanry Brand, the Rev: Commrs, the D.G. of Education & the D.G. of Police

G.O. No. 4547-63 dt 23.8.19

Letter with enclosure regarding the precautionary, preventive and remedial measures to be adopted in case of an outbreak of influenza in the State

Recd and thanks

Sd/- [illegible], Chief Secy

WD 2233—GPB—20,000—11-6-20

G. R. S. III—1] 1919-20

GENERAL AND REVENUE SECRETARIAT.

(Ref)

NOTES.

File No. 21-19

FILE HEADING.

Influenza

From

No.	Dated	Received
Diary No.	Enclos. Spare Copies.	Serial No.

BRIEF ABSTRACT OF LETTER.

NOTES AND ORDERS.

NOTES—First Sheet.

2

G. R. S. III-2.

General and Revenue Secretariat.

Part File No. 21 of 1919-20

Serial No.

Preparations for meeting a possible Epidemic of Influenza this year.

I have prepared a rough draft of an order which may issue on the subject dealing in detail with the precautionary measures that should be adopted, the preventive measures and those relating to medical relief &c. and laying down the responsibility of various officers. The order more or less goes over the whole ground covered by the orders (a collection of which is put up) which were issued from time to time on the last occasion as need arose. I have omitted the orders re arrangements on the cremation and burial grounds for which there is hardly any need at this stage.

I shall wait on the Member for further instructions whenever required -

Submitted to the Secretary

MW

25/7/19.

Mr. Mukerji. Please revise the draft. Please put up a clean draft & submit for issue through the usual channel.

KB

25/7/19

Branch. Please give me the clean draft before evening

MW

28/7

448

28-7-19

NOTE—Contn. sheet

19041

G. R. S. III-2]

General and Revenue Secretariat. | Part File No. 21 of 1919-20

Serial No.

Hon'ble Deputy [illegible] (Vide Members order)

2/9

Chief Secy)

2nd member)

550
2-8-19

Dy. Secy. further record a fresh note put up —

May seek necessary approval thereon. Valid.

7/8

Dewan

9/8.

I should like this draft to be considered at the meeting of the 18th inst. & Leave the objections if any, & the reply. Some one should also be here in connection with my note & the amendment. The time may be appointed hereon.

7/8/19

Sub Committee 9.8.19
Select Members)

9/8

13/8

Put up papers with other papers for meeting 13/8

NOTE—Contn. sheet.

WD A 1789—GPB—60,000—20-3-18—S.

R. S. III-2]

General and Revenue Secretariat.

Med File No. 21 of 1919.

Serial No.

12

Draft order revised as suggested at the meeting on Monday and submitted for approval.

The following points are provided for:—

1) Instructions to furnish daily information
2) Sheds instead of tents for temporary hospitals
3) Ambulance arrangements in the city.
4) Utilising the services of all revenue agency and Schoolmasters and the Police for relief work.
5) Bulletin information.
6) Disposal of the dead & appl. conservancy arrangements.

13

Draft Resolution also put up. The resolution in the case of the Influenza Hospitals placed on the Medical Establishment and the Municipalities in the manner approved at the meeting.

(Chief Secretary)

~~(Second Member)~~

Sd/ 20.8.19

Sd/ 20/8/19.

Submitted to the Secretary in person
Draft submitted to Secretary

14

Draft submitted to the Second Member.

Sd/ 20/8/19.

15 Approved

Sd/

23/8.

18 To

The Senior Surgeon

The Surgeon General

The Commandant, Ward C. Guards.

NOTE—Contn. sheet.

5

[G. R. S. III-2]

General and Revenue Secretariat.

Mis File No. 21 of 1919.

Serial No.

The Deputy Comrs of Dists.
The Presidents of City Municipal Councils of Bangalore & Mysore.
The President Sanitary Board Kolar.
The Revenue Commr
The Revenue Commr
The D of Education
The D of Police.
No. 4547 dt 23-8-19
Issues instructions as precautionary, preventive and remedial measures to be adopted in case of an outbreak of Influenza.

16 The order has issued
May be sent for the information of the Dewan if asked and for subn to Hr Highness if considered necessary
17 A D S N is put up.

Ch Secy).

Dewan

Pubty DSR
Nil
25/8
DSR Rules
GBB
25/8

DEWAN'S OFFICE.
Recd. on AUG 30 1919
Reg. No. 1436

NOTE—Contn. sheet

6

19) *Submitted to His Highness.*

I submit herewith for His Highness' information, copy of Government order No.4547-63/Med.21-19-48 dated 23rd August 1919 issuing instructions regarding precautionary, preventive and remedial measures to be adopted in case of an outbreak of influenza in the State.

A draft Government order was prepared under instructions from the Second Member of Council and placed for discussion before a meeting of the marginally noted officers and non-officials held in the Council Chamber on the 18th ultimo.

1. Second Member of Council.
2. Senior Surgeon.
3. Sanitary Commissioner
4 & 5. Presidents of the City Municipal Councils of Bangalore and Mysore

The order was revised in the light of the discussions and issued.

I now submit the papers for His Highness' information.

2nd Sept 1919

ks

7

Record of Cases submitted for the Orders of His Highness the Maharaja

Subject.

Government order issuing instructions regarding precautionary and other measures to be adopted in case of an outbreak of influenza in the State.

326

Order.

~~KRW~~

4/9/19

Ch. Leg
Secy
5.9.19

20

By Record these papers
Mw
6/7

D/
6/9

Proceedings of the Government of H.H.
the Maharaja of Mysore.

******

Order- No. G 4547-63 Emb

Dated Bangalore, the 23/9/ 19

Med 21-19-48.

In view of the possibility of a recrudescence this year of the epidemic of Influenza Government consider that local bodies, the District and Taluk officers and the Medical and the Sanitary Departments should be prepared with a programme of r measures and are pleased accordingly to issue the following instructions.

Information of outbreaks.

2. The Medical and Sanitary staff in the Districts, Taluks and Cities should be carefully on the watch and whenever they apprehend the outbreaks of influenza in an epidemic form, they should at once report the matter to the Senior Surgeon and the Sanitary Commissioner, the Deputy Commissioners of the respective Districts and in the case of Bangalore and Mysore cities to the Presidents of the City Municipalities also.

3. In this connection the attention of all officers concerned is invited to the detailed instructions issued in Government Order No. G 21371-402/Sam 101-(1)-12 dated 25th March 1919 relating to the prompt despatch of information of all epidemic outbreaks by local officers. Necessary action on those lines should be taken in the case of Influenza also. Deputy Commissioners of Distri are requested to issue suitable further in structions in the matter to subordinate offi cers in their respective districts.

" and ~~specially in the case of the remoter rural areas.~~
to secure prompt information from the Public of the outbreak & purposes the disease in the villages.

4. The Sanitary Commissioner should at once prepare and distribute broad cast - bulletins and pamphlets in vernacular describing the nature and symptoms of the disease, the action to be taken to avoid contagion and prevent the spread and the treatment to be adopted. One such pamphlet prepared by the Senior Surgeon & the Sani Comr has already been approved by Government. Deputy Commissioners may obtain copies of the same from the Senior Surgeon for distribution in their districts.

Programme of work

5. The Deputy Commissioners of Districts and in the case of the Cities of Mysore and Bangalore, the President of the Municipalities will call meetings of the prominent citizens of the locality and the local medical and sanitary officers and concert measures to be taken - when the epidemic breaks-out and draw up full and definite programmes of work under medical relief, supply of kanjee to the poor, relief parties for various localities &c., and make a list of their requirements and forward copies to Governments, to the Senior Surgeon and to the Sanitary Commissioner. The Deputy Commissioners of Districts will issue instructions for similar action being taken in the taluks by Sub-Division officers and Amildars.

6. The Senior Surgeon will take steps at once for keeping in the Medical stores a sufficient stock of medicines likely to be required in the treatment of the disease. He should arrange to prepare, and

and to have in readiness, mixtures for despatch to the mofussil with printed copies of instructions for their use for the guidance of lay persons whom it might be found necessary to entrust with the work of distributing medicines.

7. The Senior Surgeon should also prepare a list of medical subordinates and of private medical practitioners willing to be employed for service in or outside the cities of Mysore and Bangalore so that he may be able to depute them for work at a moment's notice to localities specially affected. The services of medical pupils of the medical school may be utilised as on the last occasion and, they may be put in charge of dispensaries setting free the Sub Assistant Surgeons attached to them to go round ~~the~~ infected localities visit the patients and treat them in their houses. Before sending out medical pupils for work, it may be necessary to give them a special training for a brief period in the treatment of influenza and other common ailments. ~~and a special class may be held for the purpose for at least a fortnight.~~

Preventive measures.

8. Appended is an extract on preventive measures from a memorandum regarding the disease issued by the Government of India. ~~Steps may be taken~~ Regarding the closing of schools etc., and the prohibition of public gatherings in infected areas, action may be taken by the DS & ADs and Magistrates wherever necessary. Instructions regarding isolation of patients, gargles, facemasks etc., may be included in the pamphlet referred

paragraph 4 above. Steps will be taken for obtaining the necessary quantity of vaccine for use in the State.

9(1)The Senior Surgeon is authorised to open on his own authority or at the request of the Presidents of Municipalities of Bangalore and Mysore, as many temporary dispensaries as may be found necessary and report the fact to Government. The temporary dispensaries may be located in some suitable Government or municipal buildings and if these are not available private buildings may be rented for the purpose. The Senior Surgeon may also on the requisition of the Deputy Commissioners open temporary dispensaries in Taluk and District Head quarters and depute medical men to itinerate and distribute medicines in villages.

(2) The Senior Surgeon should see that the dispensaries as also relief parties are all well supplied with medicines.

(3) The Epidemic Diseases Hospitals in Mysore, Bangalore and Kolar Gold Fields should be put in thorough working order, the existing establishment thereof being strengthened if necessary. If need arise the Senior Surgeon should make arrangements in consultation with Presidents of the Bangalore and Mysore Municipalities to open temporary hospitals in convenient centres and for this purpose public schools, chattr musafirkhanas may be requisitioned and if these are not found suitable temporary sheds may be erected for the purpose. The City Municipal Councils will be responsible

responsible to find the accommodation and equipment of these hospitals as also the menial staff. They will also ~~be responsible~~ keep the Medl Deptt to obtain the required supply of all diet articles ~~required~~ for the hospitals. The medical department will be responsible for all other matters connected with them. In the mofussil also temporary sheds may be built near the hospitals and dispensaries for the accommodation of inpatients.

(4) The sheds in the health camps may be made available for occupation and arrangements made for supply of medicine etc., to persons who occupy them. The Presidents of the Municipalities should take steps at once to repair and whitewash these structures and have them ready for occupation.

(5) The Presidents of Bangalore and Mysore City Municipal Councils and Deputy Commissioners of Districts will organize relief parties to distribute medicines, kanjee and milk to the poor and helpless patients. If necessary motor vehicles may be secured either for hire or gratis from charitably disposed persons and placed at the disposal of these parties. The Presidents of the City Municipalities should also arrange to have a sufficient number of ambulance carts for use in case of an out-break.

(6) Special measures should also be taken to see that conservancy arrangements do not break down during the prevalence of an epidemic and that there will not be any inconveniences in the disposal of the dead. The Mukhis and Dyavas will also arrange for the disposal of the pauper dead.

(7) The Senior Surgeon may during the prevalence of the epidemic employ any private practitioners to work in the permanent or temporary dispensaries on suitable pay and report the fact to Government.

The provision of motor ambulances for Bangalore city may be arranged for.

(7)

(8) The Amildar or Deputy Amildar of each Taluk or sub-taluk should be responsible for all relief measures connected with the disease within such taluk or sub-taluk. Relief Committees should be formed for groups of villages and the members of such Committee supplied with standard medicines together with printed instructions as to their use and approved articles of food and clothing for distribution to the sick and ~~the~~ poor. The Revenue Agency in the taluks may be utilised for relief work as also the school masters wherever the schools are closed. Police agency may also similarly be used without detriment to its legitimate work. The Inspector General of Education and Inspector General of Police will issue suitable instructions in the matter to subordinate officers in their departments.

(9) The District Medical officers will be responsible for obtaining and keeping ready a sufficient supply of approved medicines in all the dispensaries in the Districts. They will ~~xx~~ also be responsible under the instructions of the Deputy Commissioners to see that the medical resources available are employed for the benefit of as large a number of persons as possible.

(10) Vaidyas and Hakims may be employed to supplement the existing agency both in the cities and the districts.

(11) Where the ordinary agency is not enough

enough, the Amildar or Deputy Amildar may under the instructions of the Sub-Division officer or the Deputy Commissioner employ at need special temporary establishments for short periods not exceeding one month at a time for the distribution of medicines and food in stricken areas, such establishments - costing not more than Rs. 100/- per mensem per taluk or sub-taluk. Persons so employed should be supplied with the printed instructions above referred to as well as the medicines and food etc., as in the case of other relief parties.

(12) If the area affected in any district is large and medical aid and relief cannot reach the sufferers by the ordinary modes of locomotion, the Deputy Commissioners may hire for the purpose, a motor car for their districts for short - periods not exceeding 15 days at a time and report the fact to Government.

Grants for expenditure.

10. For expenditure in connection with the relief measures referred to - above, Government will be prepared to make suitable grants according to the need of localities. The local bodies including the City Municipalities will be required to meet a third part of the total expenditure that may be incurred on this account of an epidemic. The Presidents of the Municipalities and the District Boards will take early steps to have necessary funds allotted by the respective boards. For the present a sum of

15

sum of Rs. 2,000 will be placed by Government at the disposal of each Deputy Commissioner and Rs. 5,000 at the disposal of each of the Presidents of the Bangalore and Mysore City Municipal Councils. This will be met from the provision in the budget under "plague and other epidemics". Further funds will be made available as need arises.

Bulletins of information.

11. Should there be an outbreak of ~~an~~ the epidemic, the Sanitary Commissioner will arrange for the issue, for general information, of a weekly bulletin of incidence and mortality and other matter, which it may be desirable for the public to know. This will be independent of the daily reports which are ordinarily submitted to Government for their information.

Conclusion.

12. The above instructions indicate clearly the action which Government desire should be taken immediately, and in case of an outbreak of the epidemic, Government desire that all officers and local bodies concerned should take action accordingly and be prepared to meet any emergency that may arise. In order to secure coordinated action the general administrative control of the operations will, as on the last occasion, vest in the Deputy Commissioners in the districts and in the Honorary Presidents of the City Municipalities in the Cities of Bangalore and Mysore.

13. The Presidents of the City Municipal Councils and the Deputy Commissioners have been already asked to submit programmes of work in this connection and further neces-

sary

necessary orders will issue on receipt of their proposals. A responsibility sheet indicating all action to be taken as above is appended to this order for the guidance of all Officers concerned.

14. Government trust that as a result of the precautionary measures now directed to be undertaken, the Medical and Sanitary staff will, if unfortunately there should be a recrudescence of the disease be able to cope with the situation and alleviate the sufferings of the people and reduce the mortality as far as possible.

Chief Secretary to Government

Rec 20/8/09.

The Senior Surgeon
" Visiting Surgeon
" Commissioner
" Dy Commrs of Police
" Presidents of City Municipal Councils of Rangoon & Insein
" President, Visiting Surgeons, K.G.H.
" Rev. Gaunt
CP. " I.G. of Education
" I.G. of Police.

19

INFLUENZA.

MEMORANDUM.

During 1918 a peculiar and exceptionally widespread epidemic of Influenza appeared, which affected the inhabitants of practically every continent. This epidemic not only caused directly or indirectly, a very large number of deaths which in India alone were computed to exceed five million, but left behind it a legacy of minor ailments with consequent national debility. The economic effect through the disorganization of trade cannot be estimated but must have been very great.

Although previously severe and worldwide epidemics have been known to occur, in none were the spread and mortality so alarming as in the epidemic of 1918. So far as it affected India, the epidemic of the summer months assumed a mild form of the disease. After an apparent departure, it re-appeared in a virulent and very fatal form during the autumn months and then seemingly disappeared at the end of the year. In fact this was not so, as small localized epidemics have occurred and sporadic cases have continued throughout the present year. As the experience of epidemics in England and elsewhere has been that recrudescences at intervals are liable to occur, it is highy desirable to be prepared for such an event in India.

With this object in view, this Memorandum has been prepared, which sets forth opinions founded upon the valuable observations made during the 1918 pandemic and contained in the world's medical literature, and which furnishes in the abstract a list of the preventive measures that promise to give the best results in India. It is not possible to say that even with the adoption of the suggested measures it will be possible to prevent the disease becoming epidemic, but it can safely be asserted that the observance of these rules will diminish the incidence of the infection.

The organism responsible for the epidemic of influenza has not been definitely identified. The weight of evidence still points, however, to the bacillus, called the bacillus of Pfeiffer being the cause : at all events it is intimately associated with the disease. Judging from clinical and epidemiological standpoints, the disease which appeared in India was identical with the last great pandemic of influenza which occurred in 1890-91. In the absence, however, of definite proof of the causal organism, this statement is a surmise although a probable one.

Influenza is a disease which exhibits an intense infectivity and an incubation period which is relatively very short, *i.e.*, from 6 to 48 hours. It is commonly believed that the disease is spread by the infected secretions of the throat and nose of infected persons finding lodgment in the nose and throat of uninfected people. The commonest means by which this occurs is by coughing and sneezing, especially in confined spaces. Methods of prevention, then, will consist of preventing communication of infection by these channels.

These measures may be considered from two standpoints.

1 —Procedure recommended for Military, Municipal, and other Administrative Bodies.

It is realized that no legislative measures can be adopted in most communities and moreover since the limitation of an epidemic of this nature depends more upon individual than upon legal enactments, the following general recommendations are made.

A. Education of the public with regard to such facts as the following :—

(1) The golden rule is to keep fit and avoid infection as much as possible.

(2) The way to keep fit is to cultivate healthy and regular habits, take regular exercise, to eat good food, and to avoid fatigue, chill and alcoholism. Healthy living does not of itself ensure against attack, but it makes the patient better able to withstand the complications which may kill.

23

Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE DEPARTMENTS.

G.O.No. G. 4547-63—Med. 21-19-48, dated 23rd Aug. 1919.

Influenza.

Issues instructions *re* precautionary, preventive and remedial measures to be adopted in case of an outbreak of ——.

W D 487 -GPB—23-8-19—200

out medical pupils for work, it may be necessary to give them a special training for a brief period in the treatment of influenza and other common ailments.

8. *Preventive and relief measures.*—Appended is an extract on preventive measures from a memorandum regarding the disease issued by the Government of India. Regarding the closing of schools, etc., and the prohibition of public gatherings in infected areas, action may be taken by the Inspector-General of Education and District Magistrates whenever necessity arises. Instructions regarding isolation of patients, gargles, face masks, etc., may be included in the pamphlet referred to in paragraph 4 above. Steps will be taken for obtaining the necessary quantity of vaccine for use in the State.

9. (1) The Senior Surgeon is authorised to open on his own authority or at the request of the Presidents of Municipalities of Bangalore and Mysore, as many temporary dispensaries as may be found necessary and report the fact to Government. The temporary dispensaries may be located in some suitable Government or municipal buildings and if these are not available private buildings may be rented for the purpose. The Senior Surgeon may also on the requisition of the Deputy Commissioners open temporary dispensaries in Taluk and District head quarters and depute medical men to itinerate and distribute medicines in villages.

(2) The Senior Surgeon should see that the dispensaries as also relief parties are all well supplied with medicines.

(3) The Epidemic Diseases Hospitals in Mysore, Bangalore and Kolar Gold Fields should be put in thorough working order, the existing establishment thereof being strengthened if necessary. If need arise the Senior Surgeon should make arrangements in consultation with Presidents of the Bangalore and Mysore Municipalities to open temporary hospitals in convenient centres and for this purpose public schools, chattrams, musafirkhanas may be requisitioned and if these are not found suitable temporary sheds may be erected for the purpose. The City Municipal Councils will be responsible to find the accommodation and equipment of these hospitals as also the menial staff and male and female attendants. They will also help the Medical Department to obtain the required supply of all diet articles for the hospitals. The medical department will be responsible for all other matters connected with them. In the mofussil also temporary sheds may be built near the hospitals and dispensaries for the accommodation of inpatients.

(4) The sheds in the health camps may be made available for occupation and arrangements made for supply of medicine, etc., to persons who occupy them. The Presidents of the Municipalities should take steps at once to repair and whitewash these structures and have them ready for occupation.

(5) The Presidents of Bangalore and Mysore City Municipal Councils and Deputy Commissioners of Districts will organize relief parties to distribute medicines, kanjee and milk to the poor and helpless patients. If necessary, motor vehicles may be secured either for hire or gratis from charitably disposed persons and placed at the disposal of these parties. The Presidents of the City Municipalities should also arrange to have a sufficient number of ambulance carts for use in case of an outbreak. The provision of motor ambulances for Bangalore and Mysore Cities may be arranged for.

(6) Special measures should also be taken to see that conservancy arrangements do not break down during the prevalence of an epidemic and that there will not be any inconvenience in the disposal of the dead. The Municipalities and the Deputy Commissioners will also arrange for the disposal of the pauper dead.

(7) The Senior Surgeon may during the prevalence of the epidemic employ any private practitioners to work in the permanent or temporary dispensaries on suitable pay and report the fact to Government.

(8) The Amildar or Deputy Amildar of each taluk or sub-taluk should be responsible for all relief measures connected with the disease within such taluk or sub-taluk. Relief Committees should be formed for groups of villages and the members of such Committees supplied with standard medicines together with printed instructions as to their use and approved articles of food and clothing for distribution to the sick and poor. The Revenue Agency in the taluks may be utilised for relief work as also the school masters wherever the schools are closed. Police agency may

No. G. 4547-63—MED. 21-19-48, DATED 23RD AUGUST 1919.

Responsibility Sheet.

Sl. No.	Item of work	Officer Responsible	Remarks
1	Programme of relief measures ...	Senior Surgeon, Sanitary Commissioner, Deputy Commissioners and Presidents of Bangalore and Mysore Municipalities.	
2	Information of outbreak of Influenza in epidemic form to the Senior Surgeon and Sanitary Commissioner.	Deputy Commissioners and Presidents of Bangalore and Mysore Municipalities.	
3	Preparation and distribution of pamphlets ...	Sanitary Commissioner and Senior Surgeon.	
4	Stocking a sufficient supply of medicines in the Medical Stores and keeping ready stock mixtures with instructions.	Senior Surgeon.	
5	List of medical subordinates and private medical men available for service.	Do	
6	Training the Medical School pupils in the treatment of Influenza and other ailments, if necessary, by holding special classes.	Do	
7	Closing of schools. Prohibition of public gatherings.	Inspector-General of Education, District Magistrates, and City Municipal Councils.	
8	Obtaining the necessary quantity of vaccine.	Senior Surgeon and Sanitary Commissioner.	
9	Opening of temporary dispensaries and deputing medical men to itinerate and distribute medicines in villages.	Senior Surgeon.	
10	To see that the dispensaries and relief parties are well supplied with medicines.	Do	
11	To put in thorough working order the Epidemic Diseases Hospitals in Bangalore, Mysore and Kolar Gold Fields the existing establishment being strengthened if necessary.	Senior Surgeon, Kolar Gold Fields Sanitary Board.	
12	*Opening temporary Hospitals... ...	Senior Surgeon.	
13	Repairing sheds in health camps and arranging for medicines to those occupying them.	Presidents of Municipalities.	
14	Organizing relief parties to distribute medicines, conji and milk to the needy.	Presidents of Bangalore and Mysore City Municipal Councils and Deputy Commissioners.	
15	Ambulance arrangements	Municipalities.	
16	Disposal of dead-pauper and unclaimed ...	Do	
	Attending to convenience and facilities in Burial and Burning grounds.	Do	
17	Precautions against breakdown of conservancy arrangement during epidemic.	Do	
18	Securing motor vehicles for hire or gratis ~~for short periods not exceeding 15 days~~.	Presidents of Bangalore and Mysore City Municipal Councils and Deputy Commissioners.	
19	Relief maasures in each taluk or sub-taluk.	Amildar or Deputy Amildar	
20	(*a*) Relief Committees should be formed for groups of villages and (*b*) supplied with standard medicines with printed instructions and (*c*) approved articles of food and clothing.	(*a*) Do. (*b*) Senior Surgeon. (*c*) Deputy Commissioners.	
21	Obtaining and keeping ready a sufficient supply of approved medicines in all the dispensaries in the districts.	District Medical Officers.	
22	Employment of available vaidyas and hakims.	Presidents of City Municipalities and Deputy Commissioners.	
23	Employment of special temporary establishment for short periods for distribution of medicines and food at a cost of Rs. 100 per mensem per taluk or sub-taluk.	Amildar or Deputy Amildar under orders of Sub-Division Officers or Deputy Commissioners.	
24	Allotment for expenditure by local bodies.	Presidents of Bangalore and Mysore Municipalities and District Boards.	
25	General Administrative Control of operations.	Deputy Commissioners in Districts and Presidents of Municipalities in Bangalore and Mysore.	

*The Municipalities will find the accommodation and equipment and menials and help in getting diet articles.

hire
*Period ~~time~~ not to exceed one month at a time

The periodic disinfection on the above lines of public places, *e.g.*, railway waiting rooms, trams, rolling-stock, dak bungalows, serais, etc., which in epidemic times may be taken to be infected, is also strongly recommended.

6. *Quarantine.*—A limited measure might be practised by local institutions such as resident colleges, schools, asylums and jails. A jail, for example, situated in an epidemic area might by rigid quarantine be reasonably certain of keeping out infection, or at least of delaying its appearance. There was evidence of the efficiency of this measure in certain jails in India during the last epidemic.

7. *Notification.*—Notification of all cases of influenza would be obviously impossible. A limited notification might, however, be adopted at ports; some value being likely to result from the notification of infected ships and the prompt removal to hospital of actual cases.

Notification of influenzal pneumonia is now compulsory in England and in Australia. This measure in India would only be possible amongst the military and in civil in large towns where the Municipal Acts already permit of the notification of all forms of infectious disease.

Prophylactic Vaccination.

A mixed vaccine has been prepared and will be available in India in moderate quantities. Until its efficacy or its non-efficacy is established, we can offer no authoritative statement as to the advisability of general prophylactic inoculation.